

Work Order ID 62205

Wednesday, September 22, 2010 10:53:51 A



Page 1

Item ID: D412-702-021

Accept



Setup Start



Revision ID:

Stop



Item Name: 13-Man Shoulder Harness, 4 point

Start Date: 9/22/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 9/22/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: ME Date: 10-9-22 Tooling:

Date:

Run Start



QC: Date: SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
N/A	Rev N/A								

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile and create labels per PPP D412-702-021 CHG002

5/10/09/27

110

0.00



Pick Kit

Packaging

Memo

0.00

Packaging

10/9/22 sf

120

0.00



QC4- 100% Inspect kits for completeness

QC

Memo

0.00

Quality Control

5/10/09/27

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 62205

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Setup Start

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Start Date: 9/22/2010 Start Qty: 1.00

Cust Item ID:

Required Date: 9/22/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130  Packaging	Packaging	0.00							
Packaging	Memo Identify and pack for shipping as per PPP D412-702-021 Location: <u> </u> <i>Me B</i>	0.00							<i>CW 4/2/20</i>
140  QC	QC21- Final Inspection - Work Order Release	0.00							
Quality Control	Memo	0.00							<i>MF</i> <i>10-9-27</i>

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Required Date: 9/22/2010

Required Qty: 1.00

Comments:	IPP Rev:B	Removed Manufacturing	05-11-08	JLM
	IPP Rev:C	06.04.03 As per DSI9324	JLM	
	IPP rev D	06.12.14 per ecn 871	EC	
	IPP Rev:E	07-03-14 As per DSI 9351	JLM	
	IPP Rev:F	07-07-28 As per Rev E	JLM	Verified By:ec

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN4-13A  Bolt		Purchased	No			120	Each	484.0000	4	4		10/9/2028	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST358		484				4			
				115159		484							
AN4-20A  Bolt		Purchased	No			120	Each	430.0000	8	8		10/9/2028	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST359		430				8			
				104016		430							
AN4-5A  Bolt		Purchased	No			120	Each	216.0000	4	4		10/9/2028	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST356		216							
				114108		13							
				114330		103				4			
				115016		100							

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

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Work Order ID: 62205

Parent Item: D412-702-021

Parent Item Name: 13-Man Shoulder Harness, 4 point

Start Date: 9/22/2010

Required Date: 9/22/2010

Start Qty: 1.00

Required Qty: 1.00

AN960JD416 NAS1149D0463J Purchased No
Washer

120 Each 24.0000 20 20



M115622 10/9/22 SP

Location Loc Qty Loc Code

ST300 24

113288 24

D3195-041 Manufactured No
Bracket Assembly

120 Each 6.0000 2



2
10/9/22 SP

Location Loc Qty Loc Code

ST246A 6

51387 6

D3195-043 Manufactured No
Bracket Assembly

120 Each 3.0000 2



2
10/9/22 SP

Location Loc Qty Loc Code

ST246A 3

51393 3

D3196-1 Manufactured No
Bar

120 Each 10.0000 1



2
10/9/22 SP

Location Loc Qty Loc Code

ST260 10

30146 5

31466 1

39319 4

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Work Order ID: 62205

Parent Item: D412-702-021

Parent Item Name: 13-Man Shoulder Harness, 4 point

Start Date: 9/22/2010

Required Date: 9/22/2010

Start Qty: 1.00

Required Qty: 1.00

D3196-3

Manufactured No

120

Each

1.0000

1



Bar



10/9/2010

Location

Loc Qty

Loc Code

ST246A

1

39258

1

D3196-4

Manufactured No

120

Each

0.0000

1



Bar



62123

D3197-041

Manufactured No

120

Each

4.0000

2



Bar Assembly



10/9/2010

Location

Loc Qty

Loc Code

ST260

4

60138

4

D3198-1

Manufactured No

120

Each

45.0000

4



Fitting



10/9/2010

Location

Loc Qty

Loc Code

ST246A

45

39320

19

39525

26

D3268-1

Manufactured No

120

Each

8.0000

2



Placard



10/9/2010

Location

Loc Qty

Loc Code

ST245

8

43643

8

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Page 4

Work Order ID: 62205

Parent Item: D412-702-021

Parent Item Name: 13-Man Shoulder Harness, 4 point

Start Date: 9/22/2010

Required Date: 9/22/2010

Start Qty: 1.00

Required Qty: 1.00

D3446-041

Manufactured No

120

Each

97.0000

9

9

Harness Assembly

Location

Loc Qty

Loc Code

ST269

5

61277

5

ST413

92

40425

15

40456

1

40783

50

41002

10

41070

15

60666

1

D3446-043

Manufactured No

120

Each

179.0000

4

4

Harness Assembly

Location

Loc Qty

Loc Code

ST269

4

61278

4

st417

175

40426

43

40457

2

40458

25

41001

98

41071

7

D3546-1

Manufactured No

120

Each

19.0000

2

2

Clip

Location

Loc Qty

Loc Code

ST245

19

35150

3

56649

16

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Work Order ID: 62205

Parent Item: D412-702-021

Parent Item Name: 13-Man Shoulder Harness, 4 point

Start Date: 9/22/2010

Required Date: 9/22/2010

Start Qty: 1.00

Required Qty: 1.00

D3551-11 Manufactured No

120 Each

5.0000

13

13

Hook and Loop Tie

Location

Loc Qty

Loc Code

ST245

5

55185

5

120 Each

1.0000

1

1

D412-702-069

Manufactured No

Grommet

Location

Loc Qty

Loc Code

FG122

1

55189

1

120 Each

4,720.000

12

12

MS21042L4

Purchased

No

Nut

Location

Loc Qty

Loc Code

ST300

4720

113422

68

114523

28

114718

16

114784

41

115108

1567

115589

1900

115621

1100

MS24694-S152

Purchased

No

Screw

Location

Loc Qty

Loc Code

ST289A

57

103641

57

120 Each

57.0000

8

8

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Wednesday, September 22, 2010 10:53:50 AM

Work Order ID: 62205



Parent Item: D412-702-021



Parent Item Name: 13-Man Shoulder Harness, 4 point

Start Date: 9/22/2010

Required Date: 9/22/2010

Start Qty: 1.00

Required Qty: 1.00

MS24694-S154

Purchased

No

120

Each

46.0000

8

8



10/9/2010

SCREW

Location

Loc Qty

Loc Code

ST290

38

112082

38

ST351

8

105057

8

8

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

REFERENCE ONLY

QTY -021	QTY -023	QTY -025	QTY -027	QTY -029	QTY -035	Part Number	Description
X						D412-702-021	Dart 13-Man Shoulder Harness Kit, 4-point
	X					D412-702-023	Dart 5-Man Forward Facing Shoulder Harness Kit, 4-point
		X				D412-702-025	Dart 4-Man Aft Facing Shoulder Harness Kit, 4-point
			X			D412-702-027	Dart 4-Man Side Facing Shoulder Harness Kit, 4-point
				X		D412-702-029	Dart 1-Man Forward Facing Shoulder Harness Kit, 4-point
					X	D214-702-035	Dart 5-Man Aft Facing Shoulder Harness Kit, 4-point, for Bell 214B/B-1
1	1		1	1		D412-702-069	GROMMET KIT
2	2					D3195-041	BRACKET
2	2					D3195-043	BRACKET
1	1			1		D3196-1	BAR
1			1			D3196-3	BAR
1			1			D3196-4	BAR
2	2					D3197-041	BAR
4		4				D3198-1	FITTING
2	2					D3268-1	PLACARD
9	5		4	1		D3446-041	HARNESS ASSEMBLY, 4 POINT
4		4				D3446-043	HARNESS ASSEMBLY, 4 POINT
					5	D3446-045	HARNESS ASSEMBLY, 4 POINT
13	5	4	4	1	5	D3551-11	HOOK AND LOOP TIE
2	2					D3546-1	CLIP
4		4				AN4-5A	BOLT
4	4					AN4-13A	BOLT
8		8				AN4-20A	BOLT
20		20				AN960JD416	WASHER
12		12				MS21042L4	NUT (OR MS21042-4)
8	2		6	2		MS24694-S152	SCREW
8	2		6	2		MS24694-S154	SCREW

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Revision: E

Date: 07.06.27